We claim:

1. A process for *in vivo* transgene expression, comprising:
    a. delivering a non-viral, linear nucleic acid to a cell, *in* vivo; and,
    b. expressing the nucleic acid for extended periods of time.

2. The process of claim 1, wherein the nucleic acid contains blunt ends.

3. The process of claim 1, wherein the nucleic acid contains sticky ends.

4. The process of claim 1, wherein the nucleic acid contains a blunt end and a sticky end.

5. The process of claim 1, wherein the linear nucleic acid is generated by restriction enzyme digestion.

6. The process of claim 1, wherein the linear nucleic acid is generated by polymerase chain reaction.

7. The process of claim 1, wherein the nucleic acid contains an expression cassette isolated from a plasmid backbone.

8. The process of claim 1, wherein the nucleic acid contains an expression cassette which is flanked by inside ends derived from Tn5 transposase.

9. The process of claim 8, wherein the nucleic acid ends are blunt.

10. The process of claim 1, wherein the nucleic acid contains an expression cassette which is flanked by outside ends derived from Tn5 transposase.

11. The process of claim 10, wherein the nucleic acid ends are blunt.

12. The process of claim 1, wherein the nucleic acid contains an expression cassette which is flanked by chimeric ends derived from Tn5 transposase.

13. The process of claim 12, wherein the nucleic acid ends are blunt.

14. The process of claim 1, wherein the nucleic acid is delivered to cells intravascularly.

15. The process of claim 1, wherein the nucleic acid are delivered intravascularly using pressure.

16. The process of claim 1, wherein the nucleic acid is delivered by direct intramuscular injection.

17. The process of claim 1, wherein the nucleic acid is delivered by direct interstitial injection.

18. A process for transgene expression, comprising:
    a. generating expression cassettes from a non-viral, linear vector,
    b. expressing the nucleic acid for extended periods of time.

19. The process of claim 18, wherein the linear nucleic acid is prepared by restriction enzyme digestion.

20. The process of claim 18, wherein the linear nucleic acid is prepared by polymerase chain reaction.